

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 014820-6

10/664,416

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

TSUYOSHI SANO, et al

FILING DATE

GROUP

SEPTEMBER 17, 2003

(Use several sheets if necessary)



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
WJ	AA	US-6,440,203	08/2002	KATO, SHINICHI	
	AB	US-6,436,179	08/2002	HIRAOKA ET AL	
	AC	US-6,447,592	09/2002	TANIGUCHI, MAKOTO	
	AD	US-6,454,844	09/2002	KANAYA, MIHARU	
	AE	US-6,454,845	09/2002	SHAWCROSS, ET AL	
	AF	US-6,432,186	08/2002	TANIGUCHI, MAKOTO	
	AG	US-6,419,733	07/2002	SANO ET AL	
	AH	US-5,985,015	11/1999	KANAYA, MIHARU	
	AI	US-5,968,244	10/1999	UEDA ET AL	
	AJ	US-6,284,029	09/2001	SANO ET AL	
	AK	US-6,453,001	11/2000	SUZUKI ET AL	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
WJ	AL	0 872 344	10/1998	EP		
	AM	0 651 037	05/1995	EP		
	AN	0 838 508	04/1998	EP		
	AO	2000-290559	10/2000	JP		X
	AP	0 959 111	11/1999	EP		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

WJ	AR	PATENT ABSTRACTS OF JAPAN OF JP 2000-290559 (10/2000) AND COMPUTER GENERATED ENGLISH TRANSLATION.
	AS	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 571078848 A DATED JULY 5, 1982.
	AT	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 05059314 A DATED MARCH 9, 1993.

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Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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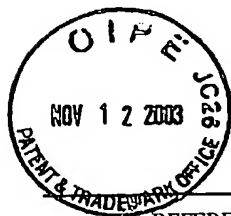
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upf	AA	US-5,948,154	09/1999	HAYAH I ET AL	
	AB	US-6,030,441	02/2000	KUBOTA ET AL	
	AC	US-6,132,502	10/2000	YATAKE, MASAHIRO	
	AD	US-6,004,389	12/1999	YATAKE, MASAHIRO	
	AE	US-5,616,174	04/1997	KANAYA ET AL	
	AF	US-6,277,184	08/2001	KATO, SHINICHI	
	AG	US-5,935,309	08/1999	MOFFATT ET AL	
	AH	US-5,560,770	10/1996	YATAKE, MASAHIRO	
	AI	US-5,830,264	11/1998	FUJIOKA ET AL	
	AJ	US-2002/0002930	02/1999	YAMASHITA ET AL	
	AK	US-6,080,229	06/2000	WATANABE ET AL	

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
upf	AL	57107848	7/1982	JP		X
	AM	55059314 7-27-04 559314	3/1993	JP		X
	AN	6107971	4/1994	JP		X
	AO	6106735	4/1994	JP		X
	AP	7125220	5/1995	JP		X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

upf	AR	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 06107971 A DATED APRIL 19, 1994.
	AS	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 06106735 A DATED APRIL 19, 1994.
	AT	PATENT ABSTRACTS OF JAPAN PUBLICATION NUMBER 07125220 A DATED MAY 16, 1995.

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	AA				

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
u/f	AB	8-113739	5/1996	JP		
	AC	8-283631	10/1996	JP		
	AD	11-12508	1/1999	JP		
	AE	10-120950	5/1998	JP		
	AF	7-125220	5/1995	JP		
	AG	10-28737	10/1998	JP		
	AH	11-228898	8/1999	JP		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

u/f	AI	ENGLISH TRANSLATION OF JP 8-113739 DATED MAY 7, 1996.
	AJ	ENGLISH TRANSLATION OF JP 8-283631 DATED OCTOBER 29, 1996.
	AK	ENGLISH TRANSLATION OF JP 11-12508 DATED JANUARY 19, 1999.
	AL	ENGLISH TRANSLATION OF JP 10-120950 DATED MAY 12, 1998.
	AM	ENGLISH TRANSLATION OF JP 7-125220 DATED MAY 16, 1995.
	AN	ENGLISH TRANSLATION OF JP 10-28737 DATED OCTOBER 27, 1998.
	AO	ENGLISH TRANSLATION OF JP 11-228898 DATED AUGUST 24, 1999.

EXAMINER

Veronica J. Gaisa

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7-27-04

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